

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	15	("3792515"   "3866282"   "4189265"   "4411565").PN. OR ("5222843").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/07 12:40
L3	32	("3973308"   "4273480"   "4479744"   "4710069"   "4776733"   "4880338"   "4988242").PN. OR ("5074720").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/07 12:56
L4	38	((insert or tip or cutter or bit or blade) and rake and (protrusion or projection or rais\$3) and land and relief)". "clm."	US-PGPUB	OR	ON	2006/05/07 14:29
S1	1843	407/113,114,115,116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/05 16:44
S2	3532	B23B027/16.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/28 13:57
S3	2	("5193947").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/16 18:20
S4	25	("3381349"   "3792514"   "3947937"   "4214845"   "4215957"   "4273480"   "4318645"   "4335984"   "4561809"   "4626141"   "4776732"   "4846609"   "4941780"   "Re32636").PN. OR ("5193947").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/16 18:20
S5	5	("5193947"   "D291889"   "D345984").PN. OR ("D412335").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/16 18:21
S6	46	S1 and protrusion and (center\$3 same surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/16 18:24
S7	339	S1 and land	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/16 18:27

## EAST Search History

S8	45	S1 and land same seat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/16 18:27
S9	17	("3973307"   "4044439"   "4087193"   "4124326"   "4259033"   "4340324"   "4479744"   "4681488"   "4880338"   "5122017"   "5226761"   "5634745"   "5743681"   "5788427"   "6217263"   "6244791"   "RE32636").PN. OR ("6715967").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/16 18:31
S10	5051	Ishida.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/16 18:31
S11	397	S10 and tip	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/16 18:32
S12	16	("4116576"   "4465412"   "4626141"   "4846609"   "4893969"   "4963061"   "5000626"   "5082401"   "5122017"   "5141367"   "5147159").PN. OR ("5324144"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/16 18:47
S15	2	S1 and land near seat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/16 18:49
S16	22	S1 and land with seat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/16 18:49
S17	1847	407/113,114,115,116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/28 14:07
S18	46	S17 and land same height	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/28 14:07

## EAST Search History

S19	20	("2053977"   "3792515"   "3973307"   "4218160"   "4318645"   "4340324"   "4626141"   "4643620"   "4710069"   "4963061"   "4966501"   "4988242"   "5044840"   "5116167"   "5197831").PN. OR ("5897272").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/28 14:19
S20	47	("3733664"   "4035541"   "4056871"   "4087192"   "4318645"   "4340324"   "4344725"   "4447175"   "4507024"   "4610931"   "4846609"   "4915548"   "4934879"   "4959331"   "4959332"   "4963061"   "4984940"   "5044840"   "D305662").PN. OR ("5116167").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/28 14:49
S21	3543	B23B027/16.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/28 14:49
S22	5	S21 and land same contact	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/28 15:17
S23	0	("2003/0077131").URPN.	USPAT	OR	ON	2005/04/28 15:04
S24	51	S17 and land same contact	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/28 15:43
S25	4	("4214845").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/28 15:47
S26	3	("3815192").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/28 15:47
S27	18	("2713714"   "3407467").PN. OR ("3815192").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/28 15:51
S28	3	("6715967").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/28 16:04

## EAST Search History

S29	2	("20050019111").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/28 17:28
S30	2	("5192171").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/28 17:45
S31	4	("4214845").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/28 17:46
S32	1847	407/113,114,115,116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/28 17:46
S33	55	S32 and double adj1 side\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/28 17:46
S34	31	S33 and land	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/29 08:42
S35	2	("5122017").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/29 08:04
S36	2	S35 and land	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/29 08:04
S37	1847	407/113,114,115,116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/29 08:42
S38	55	S37 and double adj1 side\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/21 18:52

## EAST Search History

S39	2	S38 and land near width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/29 10:30
S40	3	("3815192").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/29 10:30
S41	2	("5122017").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 09:56
S42	2	("5016334").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 09:56
S43	1	S42 and collet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 09:56
S44	2	("11277307").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 14:48
S45	2	("20040045426").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/21 18:52
S46	1891	407/113,114,115,116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/22 13:04
S47	1922	407/113,114,115,116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/05 16:44
S48	0	S47 and insert and link\$4 near land	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/05 16:45

## EAST Search History

S49	0	S47 and insert and (link\$4 near land)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/05 16:45
S50	0	S47 and insert and (link\$4 same land)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/05 16:45